

SEQUENCE LISTING

<110> Xiao-Zhou Michelle Wang
 Xavier Georges Sarda
 Michael David Tomalski
 Vincent Paul Mary Wingate

<120> Heliothis Glutamate Receptor

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<141> 2000-06-13

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<213> *Heliothis virescens*

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<211> 27

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27

<210> 6

<211> 25

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<213> Artificial Sequence

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<223> Oligonucleotide Primer mw 04

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25

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<211> 762
<212> DNA
<213> *Heliothis virescens*

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<212> DNA
<213> *Heliothis virescens*

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<212> DNA
<213> Artificial Sequence

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1609

<210> 12

<211> 1640

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR amplified fragment of *Heliothis* DNA cloned
into pCR2.1-TOPO vector (Invitrogen)

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<212> DNA

<213> *Heliothis virescens*

<220>

<221> unsure

<222> (764)...(764)

<223> n is a, t, g, or c

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<210> 14
<211> 450
<212> PRT
<213> Heliothis virescens

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Ile Asn Phe Arg Glu Lys Glu Lys Gln Ile Leu Asp Gln Ile Leu Gly
      35             40             45
Pro Gly Arg Tyr Asp Ala Arg Ile Arg Pro Ser Gly Ile Asn Gly Thr
      50             55             60
Asp Gly Pro Ala Val Val Ser Val Asn Ile Phe Val Arg Ser Ile Ser
65             70             75             80
Lys Ile Asp Asp Val Thr Met Glu Tyr Ser Val Gln Leu Thr Phe Arg
      85             90             95
Glu Gln Trp Leu Asp Glu Arg Leu Lys Phe Asn Asn Leu Gly Gly Arg
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Leu Lys Tyr Leu Thr Leu Thr Glu Ala Asn Arg Val Trp Met Pro Asp
      115            120            125
Leu Phe Phe Ser Asn Glu Lys Glu Gly His Phe His Asn Ile Ile Met
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Pro Asn Val Tyr Ile Arg Ile Phe Pro Asn Gly Asn Val Leu Tyr Ser
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Ile Arg Ile Ser Leu Thr Leu Ser Cys Pro Met Asn Leu Lys Leu Tyr
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